

# GYPSUM PLASTICIZER OF FORMING MIXTURE

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## Abstract of LV 10006 (B)

The invention applies to civil engineering, it may be used to produce different kinds of binders for plaster form mixtures. The object of the invention is a form mixture plasticizing premix substance, which consists of naphthalene sulfonic acid, and the sodium salt mixture product of condensation of lignin sulfonic acid and formaldehyde, which is beforehand neutralized by sodium either potassium or hydroxide.; To improve the plasticizing action of premix, strength and water resistance of the product, to reduce the corrosion, it is offered to neutralize the above-mentioned premix by sodium hydroxide and to modify it by potassium hydroxide, adding it in quantities that guarantee the plaster mortar water pH between 10-14 (in the second case, potassium hydroxide is added in 0.05-0.8 mass proportion). The offered premix plasticises form mixtures efficiently and reduces the binders' water necessity by 33-48 percent.

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